

FIG. 1 PRIOR ART

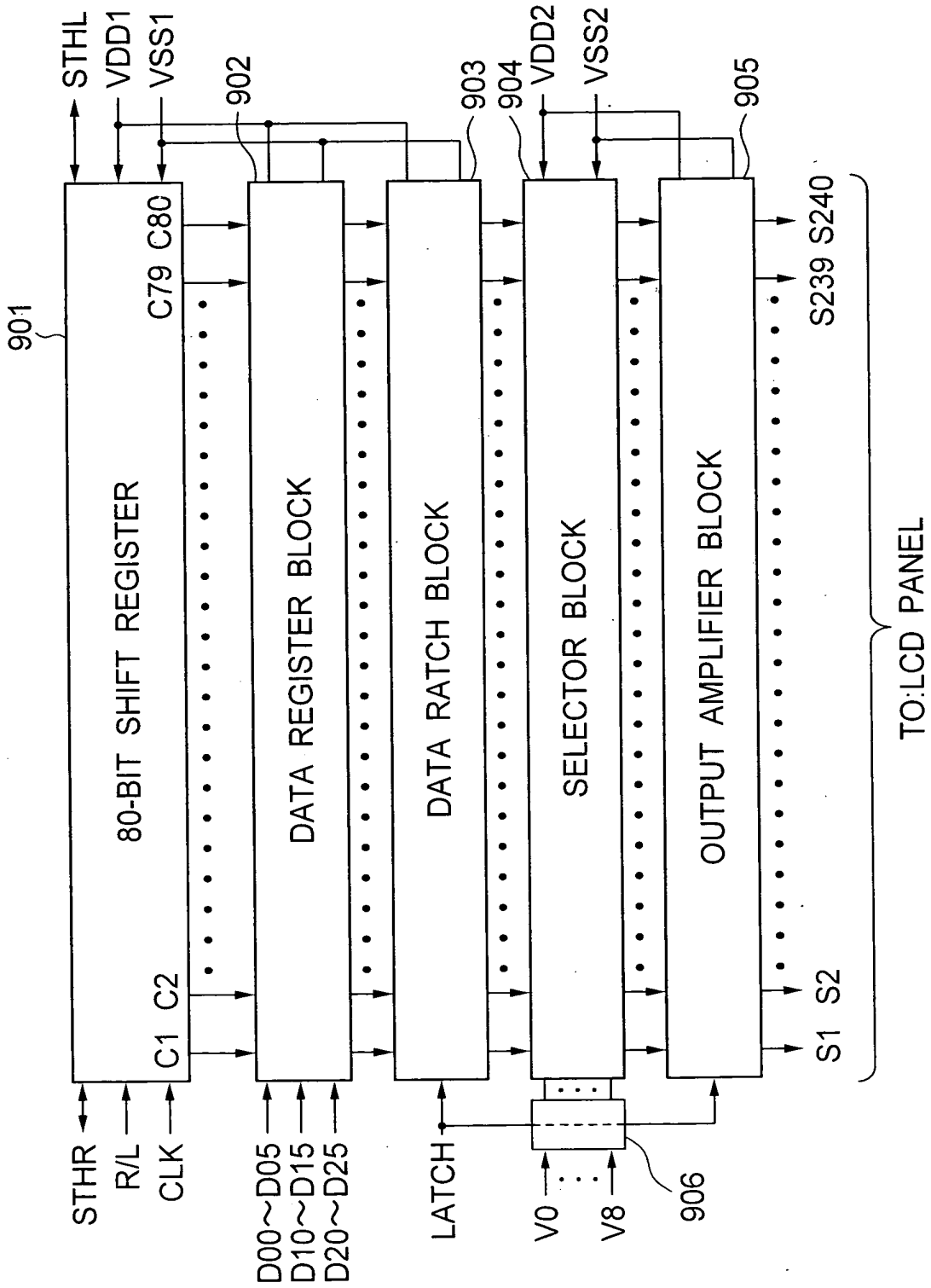


FIG. 2 PRIOR ART

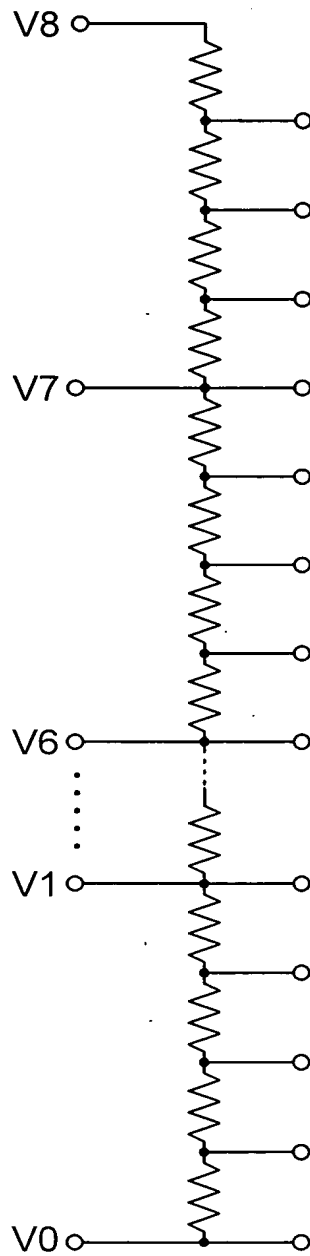


FIG. 3 PRIOR ART

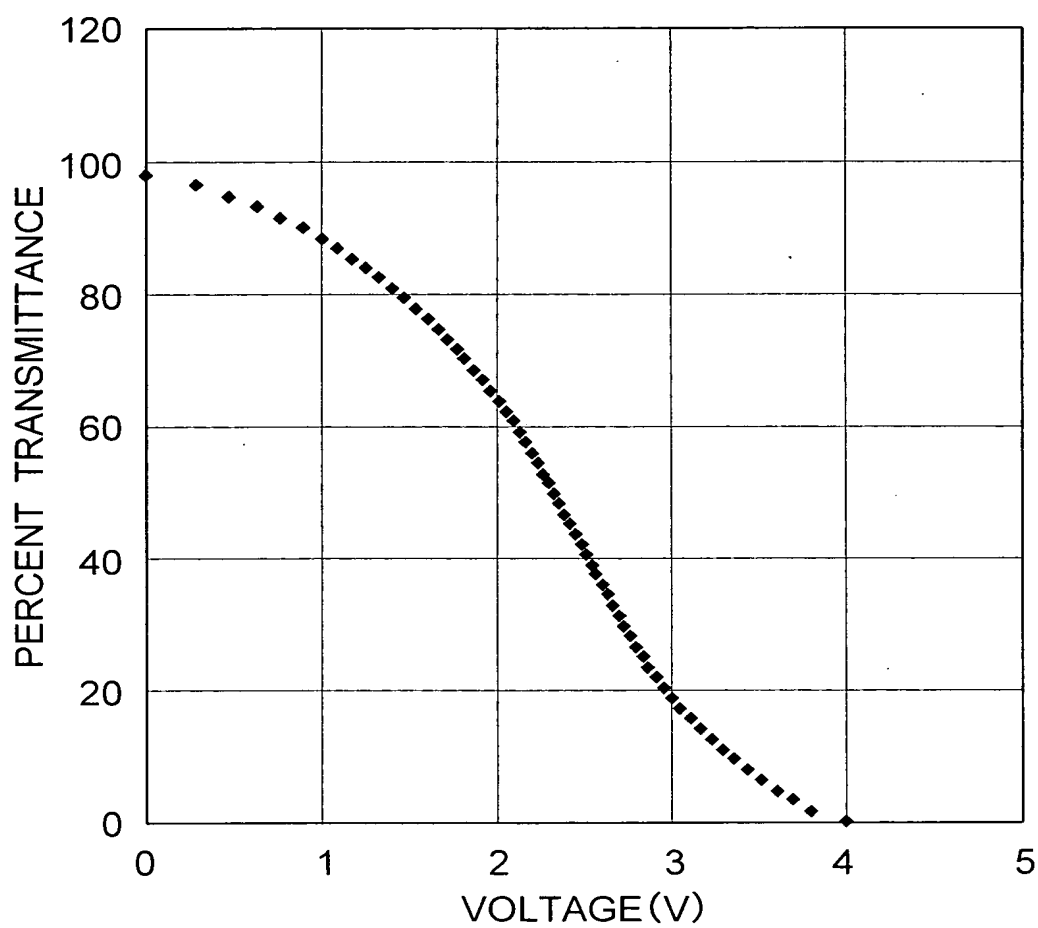


FIG. 4 PRIOR ART

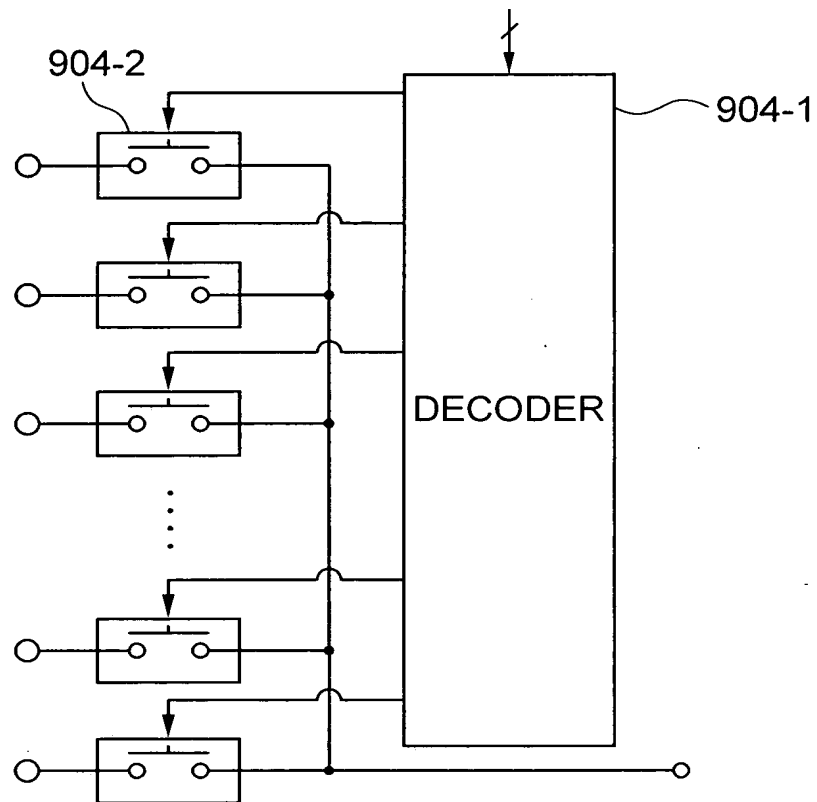


FIG. 5 PRIOR ART

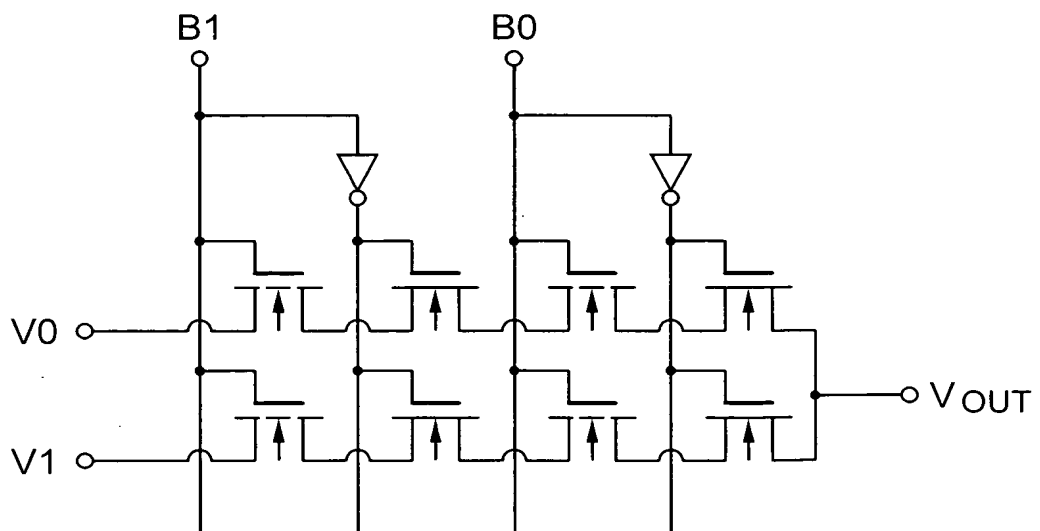


FIG. 6

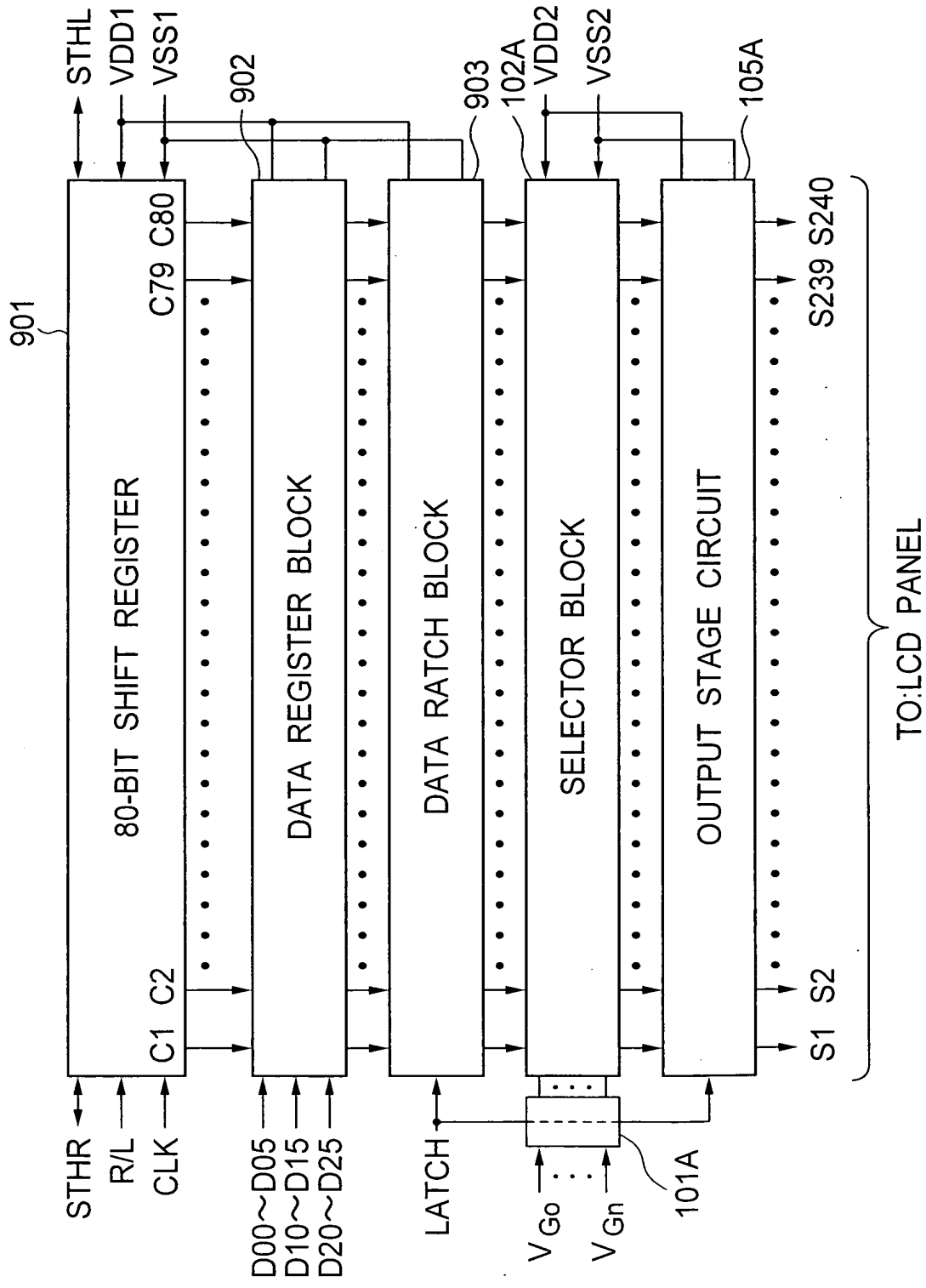
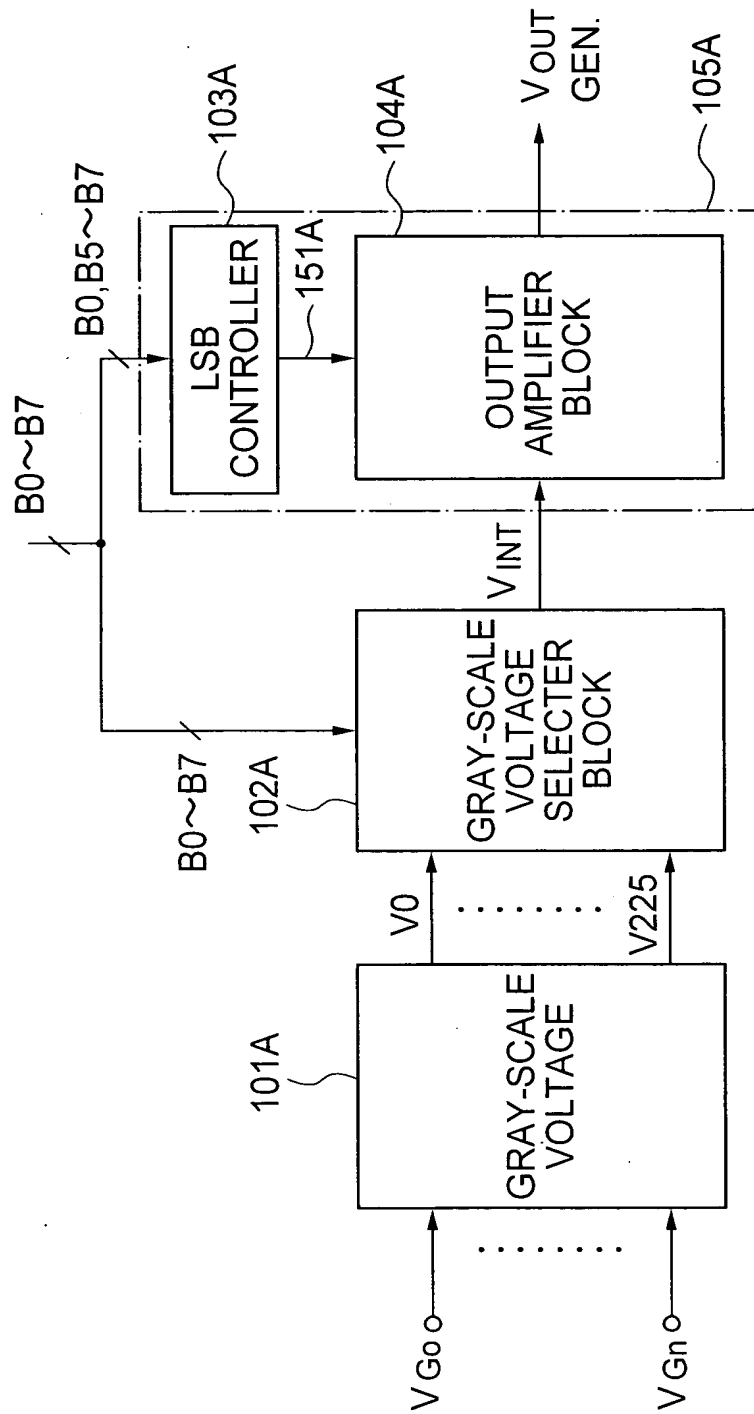


FIG. 7



# FIG. 8

VIDEO DATA	V <sub>OUT</sub>
00000000	V0
00000001	V1
00000010	V2
00000011	V3
⋮	
⋮	
⋮	
00011110	V30
00011111	V31
00100000	V32
00100001	V32+ $\alpha$
00100010	V34
00100011	V34+ $\alpha$
⋮	
⋮	
⋮	
11011110	V222
11011111	V222+ $\alpha$
11100000	V224
11100001	V225
⋮	
⋮	
⋮	
11111110	V254
11111111	V255

FIG. 9

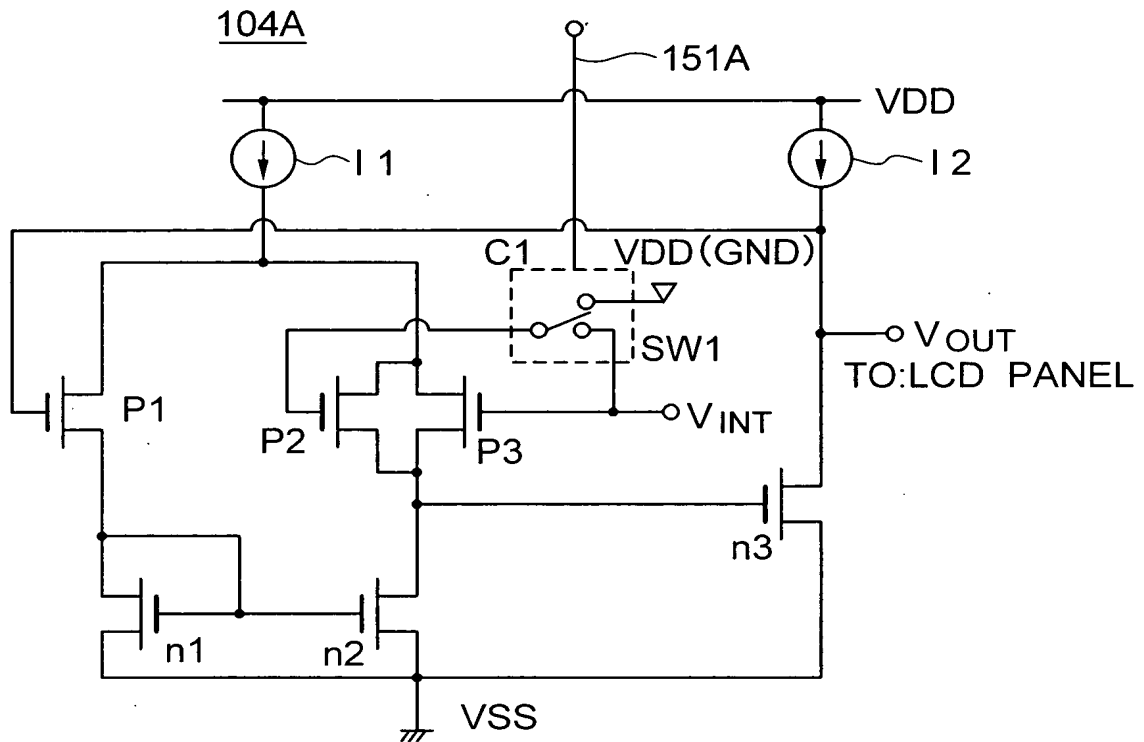


FIG. 10

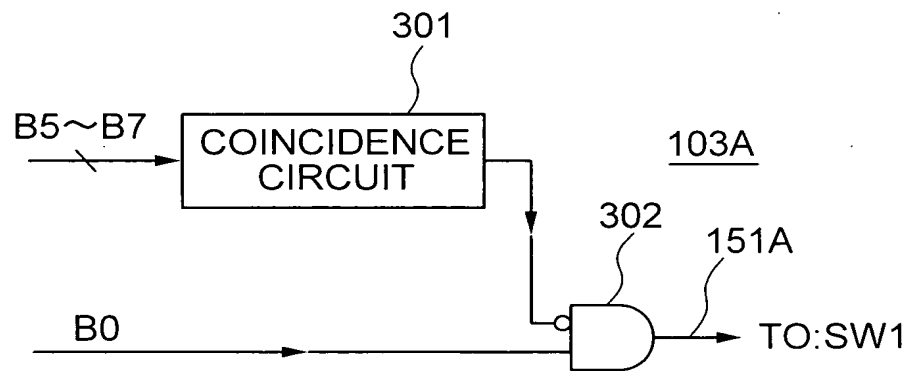
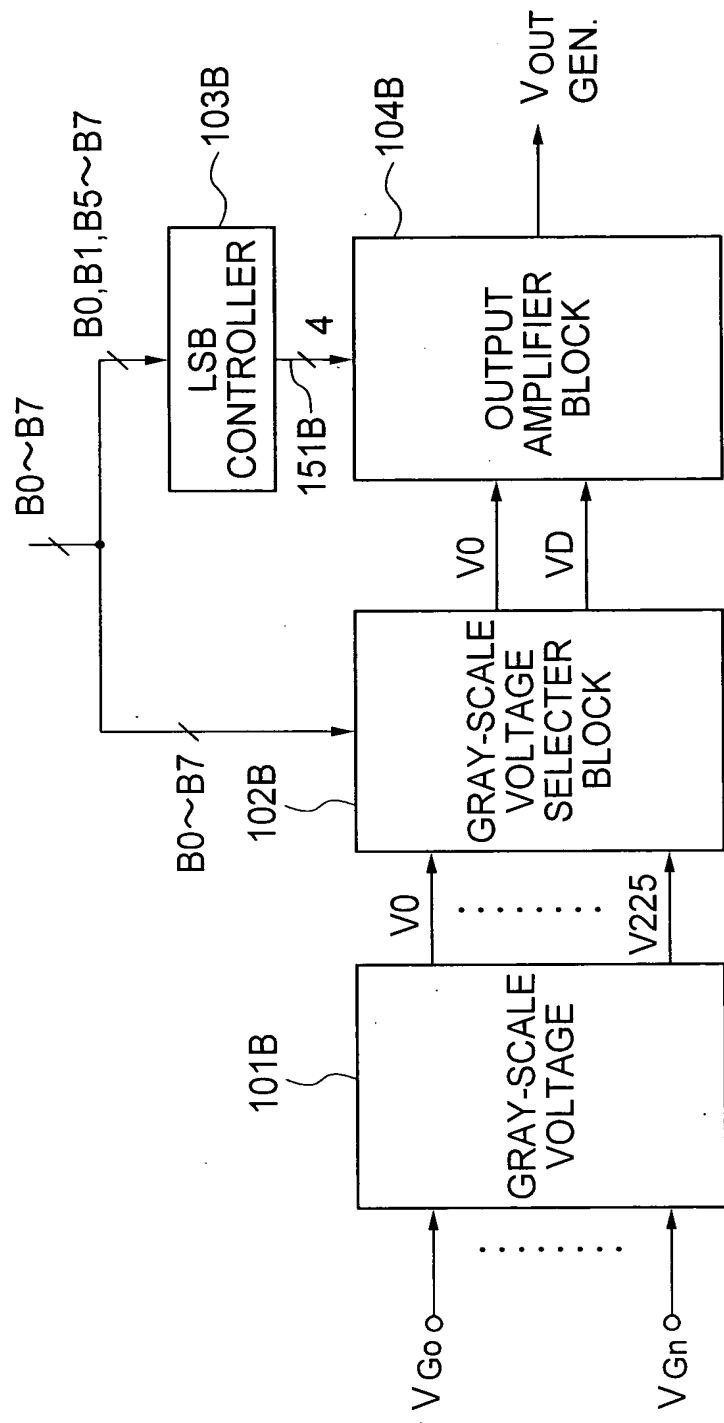




FIG. 11



# FIG. 12

VIDEO DATA	V <sub>OUT</sub>
00000000	V0
00000001	V1
00000010	V2
00000011	V3
:	
:	
:	
00011110	V30
00011111	V31
00100000	V32
00100001	$(3/4)V_{32} + (1/4)V_{36}$
00100010	$(2/4)V_{32} + (2/4)V_{36}$
00100011	$(1/4)V_{32} + (3/4)V_{36}$
00100100	V36
:	
:	
:	
11011100	V220
11011101	$(3/4)V_{220} + (1/4)V_{224}$
11011110	$(2/4)V_{220} + (2/4)V_{224}$
11011111	$(1/4)V_{220} + (3/4)V_{224}$
11100000	V224
11100001	V225
:	
:	
:	
11111110	V254
11111111	V255

FIG. 13

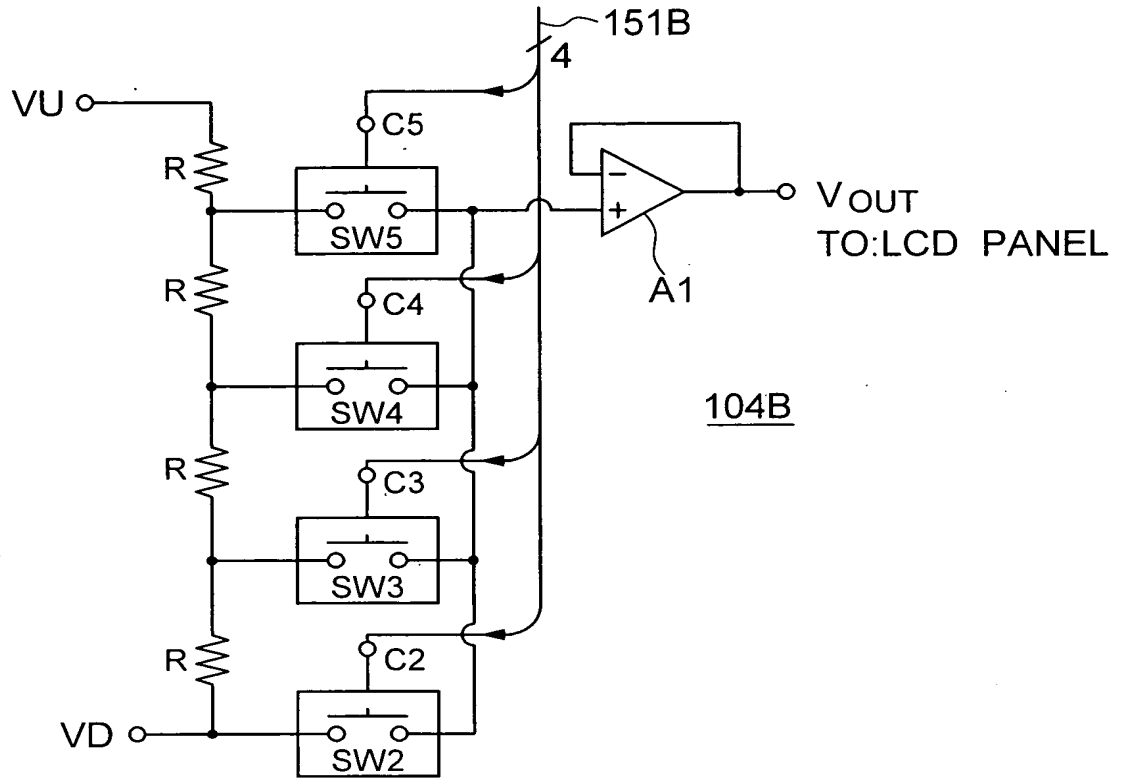


FIG. 14

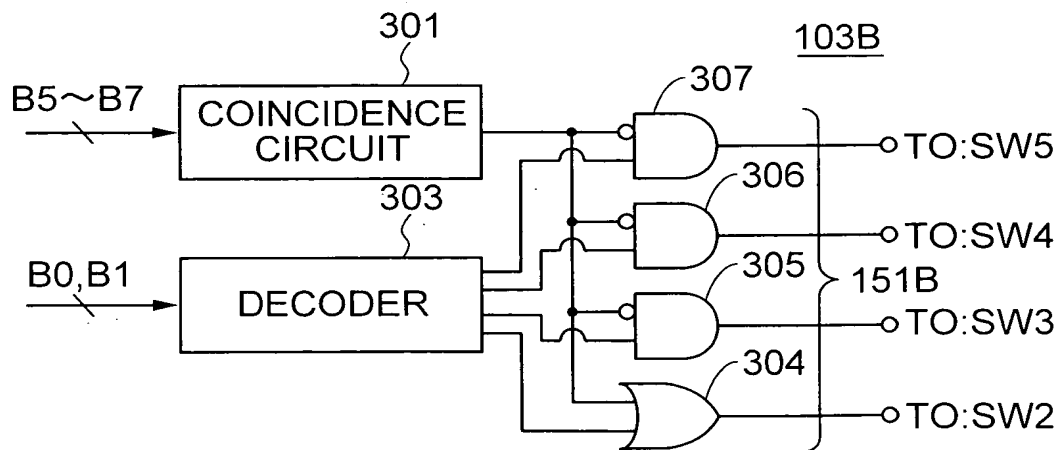


FIG. 15

